ANALYTICAL ABSTRACTS

PUBLISHED BY

The Society for Analytical Chemistry

INDEX TO VOLUME 8

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ANALYTICAL ABSTRACTS

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JOURNALS

The following list contains the names of journals (and their abbreviations) from which papers have been abstracted regularly during the year. Journals that have been omitted are those that contain only an occasional analytical paper and a number of Russian journals from which translated abstracts have been published through the medium of *Referativnŷĭ Zhurnal, Khimiya*, and *Referativnŷĭ Zhurnal, Khimiya, Biologicheskaya Khimiya*.

Abbreviated Title	FULL TITLE
Acad. R.P.R., Stud. Cercet. Chim.	Academia Republicii Populare Romîne, Studii si Cercetări de Chimie
Acta Chem. Scand.	Acta Chemica Scandinavica
Acta Chim. Acad. Sci. Hung.	Acta Chimica Academia Scientiarum Hungaricae
Acta Pharm. Jugoslav.	Acta Pharmaceutica Jugoslavica
Acta Polon. Pharm.	Acta Poloniae Pharmaceutica
Agric. Biol. Chem., Japan	Agricultural and Biological Chemistry [Japan]
Amer. Ind. Hyg. Ass. J.	American Industrial Hygiene Association Journal
Amer. J. Clin. Path.	American Journal of Clinical Pathology
Amer. J. Psychiat.	American Journal of Psychiatry
Anal. Biochem.	Analytical Biochemistry
Anal. Chem.	Analytical Chemistry
Anal. Chim. Acta	Analytica Chimica Acta
Analyst	Analyst
An. Asoc. Quím. Argentina	Anales de la Asociación Química Argentina
Angew. Chem.	Angewandte Chemie
Ann. Chim., Roma	Annali di Chimica [Rome]
Ann. Falsif.	Annales des Falsifications et de l'Expertise Chimique
Ann. Pharm. Franç.	Annales Pharmaceutiques Françaises
Ann. Rep. Agric. Hort. Res. Sta. Bristol	Annual Report of the Agricultural and Horticultural Research Station, Long Ashton, Bristol
Ann. Rep. Takamine Lab.	Annual Report of Takamine Laboratory
An. Real. Soc. Esp. Fís. Quím., B	Anales de la Real Sociedad Española de Física y Química, Serie B [Madrid]
Antibiot. & Chemother.	Antiobiotics & Chemotherapy
Antibiotiki	Antibiotiki [Moscow]
Appl. Spectroscopy	Applied Spectroscopy
Arch. Biochem. Biophys.	Archives of Biochemistry and Biophysics
Arch. Eisenhüttenw.	Archiv für das Eisenhüttenwesen
Arch. Pharm., Berlin	Archiv der Pharmazie und Berichte der deutschen pharmazeutischen Gesellschaft
Arzneimittel-Forsch.	Arzneimittel-Forschung
Atomnaya Energiya	Atomnaya Energiya [Moscow]
Aust. J. Exp. Biol. Med. Sci.	Australian Journal of Experimental Biology and Medical Science
B.C.I.R.A. Journal	B.C.I.R.A. Journal [British Cast Iron Research Association]
Ber. dtsch. keram. Ges.	Berichte der deutschen keramischen Gesellschaft
Biochem. J.	Biochemical Journal
Biochim. Appl.	Biochimica Applicata [Parma e Roma]
Biochim. Biophys. Acta	Biochimica et Biophysica Acta
Biokhimiya	Biokhimiya [Moscow]
Biul. Inst. Roślin Leczniczych	Biuletyn Instytutu Roślin Leczniczych [Poznan]
Boll. Lab. Chim. Provinciali	Bollettino dei Laboratori Chimici Provinciali [Bologna]
Boll. Soc. Ital. Biol. Sper.	Bollettino della Societa Italiana di Biologia Sperimentale
Brauwissenschaft	Brauwissenschaft
BrennstChemie	Brennstoff-Chemie
Brit. J. Appl. Phys.	British Journal of Applied Physics
Brit. Med. J.	British Medical Journal
Bull. A.S.T.M.	Bulletin of the American Society for Testing Materials
Bull. Cent. Belge Étud. et Docum. Eaux	Bulletin du Centre Belge d'Étude et de Documentation des Eaux
Bull. Chem. Soc. Japan	Bulletin of the Chemical Society of Japan
Bull. Inst. Chem. Res., Kyoto Univ.	Bulletin of the Institute for Chemical Research, Kyoto University [Japan]
Bull. Res. Council Israel	Bulletin of the Research Council of Israel
Bull. Soc. Chim. Belg.	Bulletin des Sociétiés Chimiques Belges
Bull. Soc. Chim. Biol.	Bulletin de la Société de Chimie Biologique
Bull. Soc. Chim. France	Bulletin de la Société Chimique de France
Canad. J. Biochem. Physiol.	Canadian Journal of Biochemistry and Physiology
Canad. J. Chem.	Canadian Journal of Chemistry
Cereal Chem.	Cereal Chemistry
Českosl. Farm.	Československá Farmacie
Chem. Age	Chemical Age
Chem. Anal., Warsaw	Chemia Analityczna [Warsaw]

JOURNALS

Abbreviated Title	FULL TITLE
Chem. Ber.	Chemische Berichte
ChemikerZtg	Chemiker-Zeitung
Chem. & Ind.	Chemistry & Industry
Chemist Analyst	Chemist-Analyst
Chem. Listy	Chemické Listy [Prague]
Chem. Pharm. Bull., Japan	Chemical & Pharmaceutical Bulletin [Japan]
Chem. Průmysl	Chemický Průmysl [Prague]
Chem. Tech., Berlin	Chemische Technik [Berlin]
Chem. Weekbl.	Chemisch Weekblad
Chem. Zvesti	Chemické Zvesti [Bratislava]
Chim. Anal.	Chimie Analytique
Chim. e Ind.	Chimica e l'Industria [Milan]
Chimia	Chimia [Switzerland]
Clin. Chem.	Clinical Chemistry [Baltimore, U.S.A.]
Clin. Chim. Acta	Clinica Chimica Acta
Coll. Czech. Chem. Commun.	Collection of Czechoslovak Chemical Communications
Compt. Rend.	Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences
Compt. Rend. Acad. Bulg. Sci.	Comptes Rendus de l'Académie Bulgare des Sciences
Curr. Sci.	Current Science [India]
Dansk Tidsskr. Farm.	Dansk Tidsskrift for Farmaci
Diagn., Lab. e Clin.	Diagnosi, Laboratorio e Clinica [Naples]
Dissert. Abstr.	Dissertation Abstracts
Dissert. Pharm., Krakow	Dissertationes Pharmaceuticae [Krakow]
Drug Standards	Drug Standards
Dtsch. ApothZtg	Deutsche Apotheker-Zeitung
Dtsch. LebensmittRdsch.	Deutsche Lebensmittel-Rundschau
Endocrin. & Metabolism	Endocrinology & Metabolism
Energia Nucleare	Energia Nucleare [Milan]
Enzymologia	Enzymologia [Den Haag]
Erdöl u. Kohle	Erdöl und Kohle
Ernährungsforschung	Ernährungsforschung
Experientia	Experientia [Basle]
Farbe u. Lack	Farbe und Lack
Farmaco, Ed. Prat.	Farmaco, Edizione Pratica
Faserforsch. u. Textiltech.	Faserforschung und Textiltechnik
Fette, Seif., Anstrichmitt.	Fette, Seifen, Anstrichmittel
Food Res.	Food Research
Fuel, London	Fuel [London]
Geochim. et Cosmoch. Acta	Geochimica et Cosmochimica Acta [London]
Getreide u. Mehl	Getreide und Mehl
Grasas y Aceites	Grasas y Aceites [Seville]
Helv. Chim. Acta	Helvetica Chimica Acta
Hilger J.	Hilger Journal
Hoppe-Seyl. Z.	Hoppe-Seyler's Zeitschrift für Physiologische Chemie
Hutn. Listy	Hutnické Listy [Prague]
Ind. Chem.	Industrial Chemist
Indian J. Pharm.	Indian Journal of Pharmacy
Inf. Quím. Anal.	Información de Química Analitica [Madrid]
Inst. Hierro y Acero	Instituto del Hierro y del Acero [Madrid]
Int. Dairy Congr., Proc.	International Dairy Congress, Proceedings
Int. J. Appl. Radiation and Isotopes	International Journal of Applied Radiation and Isotopes
Int. Sugar J.	International Sugar Journal
Ital. J. Biochem.	Italian Journal of Biochemistry
Izv. Akad. Nauk SSSR	Izvestiya Academii Nauk SSSR
Izv. Výssh. Ucheb. Zavedenií, Khim. i Khim. Tekhnol.	Izvestiya Výsshykh Uchebnykh Zavedenií, Khimiya i Khimicheskaya Tekhnologiya
J. Agric. Chem. Soc. Japan	Journal of the Agricultural Chemical Society of Japan
J. Agric. Food Chem.	Journal of Agricultural and Food Chemistry [Washington, D.C.]
J. Amer. Chem. Soc.	Journal of the American Chemical Society
J. Amer. Leath. Chem. Ass.	Journal of the American Leather Chemists' Association
J. Amer. Oil Chem. Soc.	Journal of the American Oil Chemists' Society
J. Amer. Pharm. Ass., Sci. Ed.	Journal of the American Pharmaceutical Association, Scientific Edition
J. Amer. Wat. Wks Ass.	Journal of the American Water Works Association
Japan Analyst	Japan Analyst
J. Appl. Chem.	Journal of Applied Chemistry [London]
J. Ass. Off. Agric. Chem.	Journal of the Association of Official Agricultural Chemists
J. Biol. Chem.	Journal of Biological Chemistry
J. Chem. Educ.	Journal of Chemical Education
J. Chem. Soc.	Journal of the Chemical Society

JOURNALS

Abbreviated Title	FULL TITLE
J. Chem. Soc. Japan, Ind. Chem. Sect.	Journal of the Chemical Society of Japan, Industrial Chemistry Section
J. Chem. Soc. Japan, Pure Chem. Sect.	Journal of the Chemical Society of Japan, Pure Chemistry Section
J. Chromatography	Journal of Chromatography
J. Clin. Path.	Journal of Clinical Pathology
J. Dairy Res.	Journal of Dairy Research
J. Dairy Sci.	Journal of Dairy Science
J. Electroanal. Chem.	Journal of Electroanalytical Chemistry
J. Indian Chem. Soc.	Journal of the Indian Chemical Society
J. Inst. Brewing	Journal of the Institute of Brewing
J. Inst. Fuel	Journal of the Institute of Fuel
J. Instn Chem., India	Journal and Proceedings of the Institution of Chemists [India]
J. Inst. Petrol.	Journal of the Institute of Petroleum
J. Iron St. Inst.	Journal of the Iron and Steel Institute
J. Lab. Clin. Med.	Journal of Laboratory and Clinical Medicine
J. Med. Lab. Technol.	Journal of Medical Laboratory Technology
J. Opt. Soc. Amer.	Journal of the Optical Society of America
J. Pharm. Pharmacol.	Journal of Pharmacy and Pharmacology
J. Pharm. Sci.	Journal of Pharmaceutical Science
J. Pharm. Soc. Japan	Journal of the Pharmaceutical Society of Japan
J. Polarographic Soc.	Journal of the Polarographic Society
J. prakt. Chem.	Journal für praktische Chemie
J. Res. Nat. Bur. Stand.	Journal of Research of the National Bureau of Standards
J. S. Afr. Chem. Inst.	Journal of the South African Chemical Institute
J. Sci. Food Agric.	Journal of the Science of Food and Agriculture
J. Sci. Ind. Res., India (B, C or D)	Journal of Scientific and Industrial Research [India], Sections B, C and D
J. Sci. Instrum.	Journal of Scientific Instruments
J. Sediment. Petrol.	Journal of Sedimentary Petrology
J. Text. Inst., Proc.	Journal of the Textile Institute, Proceedings
J. Wat. Pollut. Control Fed.	Journal of the Water Pollution Control Federation
Kem. u Ind., Zagreb	Kemija u Industriji [Zagreb]
Klin. Wochschr.	Klinische Wochenschrift
Lab. Delo	Laboratornoe Delo [Moscow]
Lab. Practice	Laboratory Practice
Lancet	Lancet
Magyar Kém. Foly.	Magyar Kémiai Folyóirat
Magyar Kém. Lapja	Magyar Kémikusok Lapja
Mater. Res. & Stand.	Materials Research and Standards
Mém. Poudres	Mémorial des Poudres [Paris]
Metallurgia, Manchr	Metallurgia [Manchester]
Microchem. J.	Microchemical Journal
Mikrochim. Acta	Mikrochimica Acta [Vienna]
Mitt. Lebensmitt. Hyg., Bern	Mitteilungen aus dem Gebiete der Lebensmitteluntersuchung und Hygiene [Bern]
Nahrung	Nahrung
Nature	Nature [London]
Naturwissenschaften	Naturwissenschaften
Olii Min.	Olii Minerali, Grassi e Saponi, Colori e Vernici
Optika i Spektroskopiya	Optika i Spektroskopiya
Öst. ChemZtg	Österreichische Chemiker-Zeitung
Peint.-Pigm.-Vern.	Peintures-Pigments-Vernis
Perfum. Essent. Oil Rec.	Perfumery and Essential Oil Record
Pharm. Acta Helv.	Pharmaceutica Acta Helvetiae
Pharm. Weekbl.	Pharmaceutisch Weekblad
Pharm. Zentralh.	Pharmazeutische Zentralhalle für Deutschland
Photoelect. Spectr. Gr. Bull.	Photoelectric Spectrometry Group Bulletin
Plaste u. Kautsch.	Plaste und Kautschuk
Plast. Massy	Plasticheskie Massy
Plating	Plating
Proc. Amer. Soc. Brew. Chem.	Proceedings. American Society of Brewing Chemists
Prûmysl Potravin	Prûmysl Potravin [Prague]
Pure & Appl. Chem.	Pure and Applied Chemistry
Radiokhimiya	Radiokhimiya
R.C. Ist. Sup. Sanit.	Rendiconti Istituto Superiore di Sanità
Rec. Trav. Chim. Pays-Bas	Receuil des Travaux Chimiques des Pays-Bas
Rep. Invest. U.S. Bur. Min.	Report of Investigations. U.S. Bureau of Mines
Rev. Asoc. Bioquím. Argentina	Revista de la Asociación Bioquímica Argentina
Rev. Chim., Bucharest	Revista de Chimie [Bucharest]
Rev. Fac. Ing. Quím., Argentina	Revista de la Facultad de Ingeniería Química [Argentina]
Rev. Métall.	Revue de Métallurgie
Rev. Sci. Instrum.	Review of Scientific Instruments

JOURNALS

Abbreviated Title	FULL TITLE
Rev. Soc. Quim. Mex.	Revista de la Sociedad Química de Mexico
Rev. Univ. Ind. Santander, Colombia	Revista de la Universidad de la Industrial de Santander [Colombia]
Ric. Sci.	Ricerca Scientifica
Riechstoffe u. Aromen	Riechstoffe und Aromen
Riv. Ital. Sostanze Grasse	Rivista Italiana delle Sostanze Grasse
Roczn. Zakl. Hig., Warsaw	Rocznik Państwowego Zakładu Higieny [Warsaw]
S. Afr. Ind. Chem.	South African Industrial Chemist
S. Afr. J. Agric. Sci.	South African Journal of Agricultural Science
Scand. J. Clin. Lab. Invest.	Scandinavian Journal of Clinical & Laboratory Investigation
Science	Science
Sci. Pharm.	Scientia Pharmaceutica [Vienna]
Soil Sci.	Soil Science
Spectrochim. Acta	Spectrochimica Acta
Stud. Cercet. Chim., Cluj	Studii şi Cercetări de Chimie [Cluj]
Suomen Kem.	Suomen Kemistilehti [Helsinki]
Svensk Farm. Tidskr.	Svensk Farmaceutisk Tidskrift
Svensk Papp-Tidn.	Svensk Papperstidning [Stockholm]
Talanta	Talanta
TAPPI	TAPPI
Textilrdsch	Textil-Rundschau
Trans. Brit. Ceram. Soc.	Transactions of the British Ceramic Society
Trudy Inst. Metallurgii, Akad. Nauk SSSR	Trudy Instituta Metallurgii, Akademiya Nauk SSSR
Trudy Khim. i Khim. Tekhnol.	Trudy po Khimii i Khimicheskoi Tekhnologii, Nauchno-Issledovatel'skii Institut Khimii Gosudarstvennogo Universiteta im N.I. Lobachevskago
Trudy Komiss. Anal. Khim., Akad. Nauk SSSR	Trudy Komissii po Analiticheskoi Khimii, Akademiya Nauk SSSR
Trudy Ural'sk. Politekh. Inst.	Trudy Ural'skogo Politekhnicheskogo Instituta
Uch. Zap. Leningrad. Gos. Univ.	Uchengy Zapiski Leningradskogo Gosudarstvennogo Ordena Lenina Universiteta
Ukr. Khim. Zhur.	Ukrainskii Khimicheskii Zhurnal
U.S. Atomic Energy Comm.	United States Atomic Energy Commission. Reports
U.S. Geol. Surv. Profess. Papers	United States Department of the Interior, Geological Survey. Professional Papers
Uzbek. Khim. Zhur.	Uzbekskii Khimicheskii Zhurnal
Vestn. Leningr. Univ., Ser. Fiz. i Khim.	Vestnik Leningradskogo Universiteta, Seriya Fiziki i Khimii
Vestn. Moskov. Univ., Ser. Khim.	Vestnik Moskovskogo Universiteta, Seriya Khimiya
Wat. & Sewage Wks	Water & Sewage Works
Z. anal. Chem.	Zeitschrift für analytische Chemie
Zavod. Lab.	Zavodskaya Laboratoriya [Moscow]
Z. Chem.	Zeitschrift für Chemie
Zhur. Anal. Khim.	Zhurnal Analiticheskoi Khimii
Zhur. Prikl. Khim.	Zhurnal Prikladnoi Khimii
Z. LebensmittUntersuch.	Zeitschrift für Lebensmittel-Untersuchung und -Forschung

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Abstract Bulletin of the Institute of Paper Chemistry
Abstracts of Bulgarian Scientific Literature
Chemical Abstracts
Fuel Abstracts and Current Titles
Metallurgical Abstracts
Nuclear Science Abstracts
Nutrition Abstracts and Reviews
Referativnyĭ Zhurnal, Khimiya
Referativnyĭ Zhurnal, Khimiya, Biologicheskaya Khimiya
Review of Current Literature relating to the Paint, Colour, Varnish and Allied Industries
Rubber Abstracts
Shirley Institute. Summary of Current Literature
Sugar Industry Abstracts
Water Pollution Abstracts

ERRATA

VOL. 2, 1955

Index, p. cxix, column 2, third line from bottom, *for* 3520 *read* 3529

VOL. 6, 1959

Abstract No.	*Line*
4775	2, 6, *for* dithbaiocarmoylhydrazinium *read* dithioformylhydrazinium

VOL. 7, 1960

Index, p. lxvi, column 2. The abstract number in the entry under **King, J.** should be 2416, not 3416. The abstract following 2415 is wrongly numbered and should be 2416.

Abstract No.	*Line*
5057	7 *for* acetic anhydride *read* active carbon

VOL. 8, 1961

Abstract No.	*Line*
23	2 *for* F. Wolf *read* Friedrich Wolf
54	3 *for* M. G. Allam *read* M. G. E. Allam
134	1 *insert* [**L**] *after* **cobalt.**
209	3 *for* W. Ulbrich *read* V. Ulbrich
219	2 *for* Skaggs *read* Skeggs
289	2 *for* A. Macek *read* K. Macek
409	24 *for* D. Devoti *read* A. Devoti
449	2 *for* **aesium** *read* **caesium**
490	3 *for* M. J. Gárate *read* M. T. Gárate
543	3 *for* C. H. Bheemasankara Rao *read* C. Bheemasankara Rao
545	3 *for* A. F. Korvezee *read* A. E. Korvezee
562	3 *for* Molnár-Perl *read* Perl
601	4 *for* R. T. Magee *read* R. J. Magee
611	2 *for* K. Burger *read* Kálmán Burger
651	2 *for* A. Milun *read* A. J. Milun
665	2 *for* German Standard *read* Deutscher Normenausschuss
722	2 *for* H. Smith *read* Hylton Smith
724	2 *for* J. Franz *read* Janice Franz
758	2 *for* Berquist *read* Bergquist
779	3 *for* M. Pápay *read* M. K. Pápay
820	4 *for* G. Lyles *read* G. R. Lyles
852	1 *for* L. C. Giddings *read* J. C. Giddings
912	6 *for* 4623 *read* 4632
970	4 *for* Hagai *read* Nagai
981	4 *for* A. K. Bhattacharya *read* Arun K. Bhattacharya
999	3 *for* Tserkovnitsa *read* Tserkovnitskaya
1011	3 *for* M. G. Allam *read* M. G. E. Allam
1037	4 *for* D. K. Banerjea *read* D. Banerjea
1116	1, 2 *interchange* sub-title and main title
1154	1, 2; 8, 9, *for* 3-furaldehyde *read* furfuraldehyde
1198	2 *for* Constantinesco *read* Constantinescu
1336	2 *for* L. Halász *read* I. Halász
1349	1 *insert* **VIII.** *after* **standards.**
1364	10 *for* Ca *read* Cu
1383	24 *for* and *read* or
1406	2 *for* M. Mizera *read* S. Mizera
1406	2 *for* Palaush *read* Palouš
1472	2 *for* K. Burger *read* Kálmán Burger
1473	11 *for* cobaltniitrite *read* cobaltinitrite
1475	2 *for* G. L. Lyles *read* G. R. Lyles
1505	3 *for* Chzhan Fan *read* Fan Chang
1531	3 *for* Perl-Molnár *read* Perl
1591	2 *for* R. J. Amaral *read* J. R. Amaral
1598	4 *for* Molnár-Perl *read* Perl
1652	2 *for* F. Wolf *read* Fritz Wolf
1675	3 *for* Guiseppe *read* Giuseppe
1682	4, 5 *for* 4-Methoxyadrenaline, 4-methoxynoradrenaline *read* 3-Methoxyadrenaline, 3-methoxynoradrenaline
1710	2 *for* E. Lewandowski *read* A. Lewandowski

ERRATA

VOL. 8, 1961

Abstract No.	*Line*	
1835	3	*for* Sheyanov *read* Sheyanova
1837	2	*for* Nikolayev *read* Nikolaev
1864	3	*for* Afanas'ieva *read* Afanas'eva
1876	2	*for* F. P. Sheyanova *read* F. R. Sheyanova
1895	4	*for* Pelzulayev *read* Pelzulaev
1946	3	*for* Ven-Tin Chzhan *read* W.-C. Chang
2014	2	*for* K. Burger *read* Kálmán Burger
2020	2	*insert* **II.** *after* **chromatography.**
2069	2	*for* J. J. D. Ludwick *read* J. D. Ludwick
2110	2	*for* J. Billimoria *read* J. D. Billimoria
2128	1	*for* L. S. Hanka *read* L. J. Hanka
2156	2	*for* F. de Francesco *read* F. De Francesco
2159	2	*for* I. Bastianutti *read* J. Bastianutti
2161	2	*for* I. Bastianutti *read* J. Bastianutti
2224	2	*for* H. Szymanski *read* H. A. Szymanski
2303	3	*for* Popokov *read* Popkov
2328	2	*for* A. N. Busev *read* A. I. Busev
2578	4	*for* Molnár-Perl *read* Perl
2584	2	*for* E. Palaček *read* E. Paleček
2741	2	*for* K. Burger *read* Kálmán Burger
2747	6	*should read* described by which radio-elements, in trace amounts,
2757	2	*for* Mackenzie *read* MacKenzie
2822		The last term in the formula after line 18 should read $(1 - e^{-\lambda/v\omega})$
2844	2	*for* T. L. Blalock *read* T. J. Blalock
2854	2	*for* K. Burger *read* Kálmán Burger
2910	3	*for* K. Burger *read* Kálmán Burger
2916	2	*for* Bártfai *read* Bártfay
2916	3	for *Foly.* read *Lapja*
2974	2	*for* H. Wagner *read* Hildebert Wagner
3172	5	*insert* except Fe *after* cations
3242	2	*for* L. P. Alimarin *read* I. P. Alimarin
3321	5	*for* 1960 *read* 1961
3324	2	*for* S. Bose *read* Sameer Bose
3326	3	*for* K. Burger *read* Kálmán Burger
3452	4	*for* H. Wagner *read* Hildebert Wagner
3461	6	*for* 0·2 to 0·6% *read* 0·0004 to 0·0056%
3560		2nd column, line 21 from the bottom, *for* Korodán *read* Korondán
3560		2nd column, line 24 from the bottom, *for* K. Burger *read* Kálmán Burger
3560		3rd column, line 18, *for* Molnár-Perl *read* Perl
3560		3rd column, line 20, *for* Molnár-Perl *read* Perl
3561	28	*for* Kublek *read* Kublik
3562		2nd column, line 17, *for* K. Freidrich, *read* Klaus Friedrich
3610	2	*for* A. Kharnauchoff *read* A. S. Karnaukhov
3627	3	*for* **Rhodamines S** *read* **Rhodamines B**
3627	10	*for* Rhodamine S *read* Rhodamine B
3627	10	*for* Red 11 *read* Violet 10
3627	25	*for* **Rhodamine S** *read* **Rhodamine B**
3678	6	*for* 1 g *read* 1 μg
3689	2	*for* G. Goldstein *read* Gerald Goldstein
3751	4, 21	*for* G. Goldstein *read* Gerald Goldstein
3787	2	*for* K. Burger *read* Kálmán Burger
3805	12	*for* 1·0N-$(NH_4)_2SO_4.Fe_2(SO_4)_3$ *read* 0·1N-$(NH_4)_2SO_4.Fe_2(SO_4)_3$
3815		*The last line should read* The relative error is usually <5% for 0 to 5 p.p.m.
3818	3	*for* G. Franke *read* Gerhard Franke
3869		*Line* 9 *should read* determined with a coeff. of variation of 3% or greater
4070	3	*for* K. Burger *read* Kálmán Burger
4085	2	*for* Minchevski *read* Minczewski
4085	3	*for* Marchenko *read* Marczenko
4094	4	*for* J. Seals *read* J. M. Seals
4178	3	*for* A. K. Bhattacharya *read* Albani K. Bhattacharya
4193	3	*for* G. Goldstein *read* Gerald Goldstein
4195	2	*for* G. Goldstein *read* Gerald Goldstein
4200	8	*delete* 1961, **8,** 605
4251	3	*insert* **I.** *after* **compounds.**
4274	6	*for* A. Martin *read* Alejandro Martin
4305	2	*for* H. Smith *read* Harry Smith
4381	3	*for* L. Lazer *read* L. S. Lazer
4485	8	*for* Diethyltriaminepenta-acetic *read* Diethylenetriaminepenta-acetic
4493	3	*for* Kallman *read* Kallmann
4525	3	*for* V. P. Zaĭtsev *read* V. N. Zaĭtsev
4535	8	*for* >20 μg *read* <20 μg

ERRATA

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Abstract No.	*Line*
4573	3 *for* Shikar *read* Shakir
4575	4 *for* K. Burger *read* Kálmán Burger
4577	2 *for* F. Wolf *read* Friedrich Wolf
4662	4 *for* K. Burger *read* Kálmán Burger
4677	1 *for* H. Jelínek *read* M. Jelínek
4888	3 *for* K. Friedrich *read* Kurt Friedrich
4906	8 *for* Rhodamine 6G and S *read* Rhodamine 6G and B
4906	8 *for* C.I. Basic Red 1 and 11 *read* C. I. Basic Red 1 and C.I. Basic Violet 10
4979	2 *for* **alcoholic** *read* **methanolic**
4987	3 *for* Aranova *read* Arapova
5172	2 *for* H. Smith *read* Harry Smith
5226	2 *for* G. Goldstein *read* Gilbert Goldstein
5300	3 *for* H. Ulfendahl *read* H. R. Ulfendahl

Cross references after abstract 3977, line 5, *for* Cu *read* Ca

ABBREVIATIONS

Certain abbreviations in everyday use are not included in the following list. When any doubt might arise from the use of an abbreviation or symbol the word is printed in full.

alternating current	a.c.
ampere	amp.
Ångström unit	Å
anhydrous	anhyd.
approximate, -ly	approx.
aqueous	aq.
atmospher-e, -ic	atm.
boiling-point	b.p.
British thermal unit	B.Th.U.
calorie (large)	kg-cal.
calorie (small)	g-cal.
centimetre	cm.
coefficient	coeff.
Colour Index	C.I.
concentrated	conc.
concentration	concn.
constant	const.
crystalline, crystallised	cryst.
cubic	cu.
current density	c.d.
cycles per second	c/s
density	ρ
density, relative	d or wt. per ml
dilute	dil.
direct current	d.c.
distilled	dist.
electromotive force	e.m.f.
equivalent	equiv.
ethylenediaminetetra-acetic acid	EDTA
gram	g
gram-molecule	mole
half-wave potential	$E_{\frac{1}{2}}$
hour	hr.
hydrogen ion exponent	pH
infra-red	i.r.
insoluble	insol.
international unit	i.u.
kilogram	kg
kilovolt	kV
kilowatt	kW
liquid	liq.
maxim, -um, -a	max.
melting-point	m.p.
microgram	μg (not γ)
microlite	μl
micromole	μmole
micron	μ
milliampere	mA
milli-equivalent	milli-equiv.
milligram	mg
millilitre	ml
millimetre	mm
millimicrogram	mμg
millimolar	mM
millivolt	mV
minute (time)	min.
molar (concentration)	M
molecul-e, -ar	mol.
normal (concentration)	N
optical rotation	$\alpha_{\frac{1}{2}}$
ounce	oz
parts per million	p.p.m.
per cent.	%
per cent. (vol. in vol.)	% (v/v)
per cent. (wt. in vol.)	% (w/v)
per cent. (wt. in wt.)	% (w/w)
potential difference	p.d.
precipitate (as a noun)	ppt.
precipitated	pptd.
precipitating	pptg.
precipitation	pptn.
preparation	prep.
qualitative, -ly	qual.
quantitative, -ly	quant.
recrystallised	recryst.
refractive index	n_{λ}^{t}
relative band speed	R_F
relative humidity	r.h.
revolutions per minute	r.p.m.
saponification value	sap. val.
saturated calomel electrode	S.C.E.
second (time)	sec.
soluble	sol.
solution	soln.
specific gravity	sp. gr.
specific rotation	$[\alpha]_{\lambda}^{t}$
square centimetre	sq. cm.
standard temp. and pressure	s.t.p.
temperature	temp.
ultra-violet	u.v.
vapour density	v.d.
vapour pressure	v.p.
volt	V
volume	vol.
watt	W
wavelength	λ
weight	wt.

In addition, the following symbols may be used in conjunction with numerical value or in mathematical expressions—

greater than	$>$	less than	$<$
not greater than	$\ngtr$	not less than	$\nless$
is proportional to	$\propto$	of the order of, approximately	$\simeq$

The Principal Pharmacopoeias are denoted by B.P., U.S.P. or D.A.B., together with the identifying roman numeral or year.

Valency states are represented by a superscript roman numeral, *e.g.*, Fe^{II}, Mo^{V}. Substances in the ionic state are represented by Na^{+}, Fe^{2+}, Fe^{3+}, etc., for cations and by Cl^{-}, So_4^{2-}, PO_4^{3+}, etc., for anions.

The chemical nomenclature used in the abstracts is that recommended by The Chemical Society ("Handbook for Chemical Society Authors", The Chemical Society, London, 1960), and may differ from that used in the original articles.

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British Patents

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839,644	725	850,474	2236	858,677	2715	865,246	3983
840,362	727	850,874	1280	860,130	3542	866,091	4013
840,935	1337	851,270	1526	860,576	3541	866,529	3979
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127,070	1736	128,651	2709	131,966	3223	134,462	4827
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